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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 1626

In re

Patent Application of

David Edwin Thurston, et al.

Application No. 10/824,743

Confirmation No.: 7033

Filed: April 15, 2004

Examiner: Coppins, Janet L.

"COLLECTION OF COMPOUNDS"

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April 21, 2006
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PURSUANT TO 37 CFR §1.97(c)

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Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and PTO/SB/08B and copies of non-U.S. patent references are attached. This Statement is also being accompanied by a check in payment of the \$180.00 fee required under 37 CFR §1.17(p). Please charge or credit Deposit Account No. 50-0842 with any shortage or overpayment of the required fee.

Citation of these references is respectfully requested.


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No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,


Charlene L. Yager
Reg. No. 48,887

File No. 065435-9035 US00

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 2		Application Number	10/824,743
		Filing Date	April 15, 2004
		First named Inventor	David Edwin Thurston
		Group Art Unit	1626
		Examiner name	Coppins, Janet L.
		Attorney Docket Number	065435-9035-US00
U.S. Patent Documents			

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	6,660,856	Wang	12/9/2003

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
	EP	1193270	Spirogen Ltd.	4/3/2002		
	GB	2053894	The Green Cross Corporation	2/11/1981		
	WO	88/04659	The Upjohn Company	6/30/1988		
	WO	91/16324	The Upjohn Company	10/31/1991		
	WO	96/23497	Synphar Laboratories, Inc.	8/8/1996		
	WO	97/07097	Auckland Division Cancer Society of New Zealand Inc.	2/27/1997		
	WO	98/11101	Auckland Division Cancer Society of New Zealand Inc.	3/19/1998		
	WO	98/12197	Kyorin Pharmaceuticals Co., Ltd. et al.	3/26/1998	N	Y
	WO	99/29642	The Scripps Research Institute	6/17/1999		
	WO	99/46244	Novo Nordisk A/S et al.	9/16/1999		

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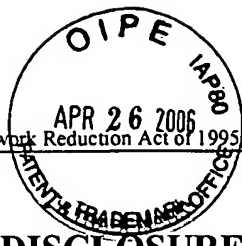
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				Application Number		10/824,743	
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				Group Art Unit		1626	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials		Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
		WO	00/12508	The University of Portsmouth Higher Education Corp.	3/9/2000		
		WO	00/12509	The University of Portsmouth Higher Education Corp.	3/9/2000		
		WO	00/64864	Cancer Campaign Research Technology Ltd.	11/2/2000		
		WO	2004/043963	Spirogen Ltd.	5/27/2004		
		WO	2005/023814	Spirogen Ltd.	3/17/2005		
		WO	2005/040170	Government of the U.S.A. et al.	5/6/2005		
		WO	2005/085251	Spirogen Ltd.	9/15/2005		

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/824,743
Filing Date	April 15, 2004
First Named Inventor	David Edwin Thurston
Group Art Unit	1626
Examiner Name	Coppins, Janet L.
Attorney Docket Number	065435-9035-US00

Sheet

1

of

5

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTSExaminer
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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.

ADAMS et al., "Molecular modelling of a sequence-specific DNA-binding agent based on the pyrrolo[2,1-c][1,4]benzodiazepines," Pharm. Pharmacol. Commun. (1999) 5:555-560

BARALDI, P.G. et al., "[2,1-c][1,4]benzodiazepine (PBD)-distamycin hybrid inhibits DNA binding to transcription factor Sp1," Nucleotides and Nucleic Acids (2000) 19(8):1219-1229

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BOSE, D.S. et al., "Effect of linker length on DNA-binding affinity, cross-linking efficiency and cytotoxicity of C8 linked pyrrolobenzodiazepine dimers," J. Chem. Soc. Chem. Commun. (1992) 20:1518-1520

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DE GROOT, FMH et al., "Synthesis and biological evaluation of 2'-carbamate-linked 2'-carbonate-linked prodrugs of paclitaxel: selective activation by the tumor-associated protease plasmin," J. Med. Chem. (2000) 43(16):3093-3102

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				Filing Date	April 15, 2004
				First Named Inventor	David Edwin Thurston
				Group Art Unit	1626
				Examiner Name	Coppins, Janet L.
Sheet	2	of	5	Attorney Docket Number	065435-9035-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		DUBOWCHIK, G.M. et al., "Cathepsin B-sensitive dipeptide prodrugs. 1. A model study of structural requirements for efficient release of doxorubicin," Biorg. Med. Chem. Lett. (1998) 8:3341-3346
		DUBOWCHIK, G.M. et al., "Cathepsin B-sensitive dipeptide prodrugs. 2. Models of anticancer drugs paclitaxel (Taxol), Mitomycin C and Doxorubicin," Biorg. Med. Chem. Lett. (1998) 8:3347-3352
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		GREGSON, S.J. et al., "Synthesis of the first examples of A-C8/C-C2 amide-linked pyrrolo[2,1-c][1,4]benzodiazepine dimers," Biorg. Med. Chem. Lett. (2003) 13:2277-2280
		HAMBURGER, A.W. et al., "Primary bioassay of human tumor stem cells," Science (1977) 197:461-643

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				Filing Date	April 15, 2004
				First Named Inventor	David Edwin Thurston
				Group Art Unit	1626
				Examiner Name	Coppins, Janet L.
Sheet	3	of	5	Attorney Docket Number	065435-9035-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		JAKOBSEN et al., "Design, synthesis, and pharmacological evaluation of thapsigargin analogues for targeting apoptosis to prostatic cancer cells," J. Med. Chem. (2001) 44:4696-4703
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		KUMAR, R. et al., "Design, synthesis and in vitro cytotoxicity studies of novel pyrrolo [2,1][1,4]benzodiazepine-glycosylated pyrrole and imidazole polyamide conjugates," Org. Biomol. Chem. (2003) 1(19):3327-3342
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Sheet	4	of	5	Attorney Docket Number	065435-9035-US00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		LIPSHUTZ, B.H. et al., "Pd(II)_Catalyzed Acetal/Ehtal Hydrolysis/Exchange Reactions," Tetrahedron Lett. (1985) 26(6):705-708
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		SPELLIE, M. et al., "Cellular pharmacology of novel C8-linked anthramycin-based sequence-selective DNA minor groove cross-linking agents," Br. J. Cancer (1994) 70:48-53
		SPELLIE, M. et al., "Sequence selective recognition of duplex DNA through covalent interstrand cross-linking," Biochem. (2003) 42:8232-8239

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		THURSTON, D.E., "Nucleic acid targeting: therapeutic strategies for the 21st century," Brit. J. Cancer (1999) 80(1):65-85
		TIBERGHIE, A.C. et al., "Application of the stille coupling reaction to the synthesis of C2-substituted endo-exo unsaturated pyrrolo[2,1-c][1,4]benzodiazepines (PBDs)," Biorg. Med. Chem. Lett. (2004) 14:5041-5044
		WELLS, G. et al., "Pyrrolobenzodiazepine-polyamide libraries: synthesis and DNA binding selectivity," Proc. Am. Assoc. Canc. Res. (2003) 44:85-86, #452
		WERMUTH et al., "Molecular Variations Based on Isosteric Replacements," The Practice of Medicinal Chemistry, Chapter 13 (1996) 203-237
		WILLIAMS, M.A. et al., "Synthesis of conformationally constrained DTPA analogues. Incorporation of the ethylenediamine units as aminopyrrolidines," J. Org. Chem. (1994) 59(13):3616-3625

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